

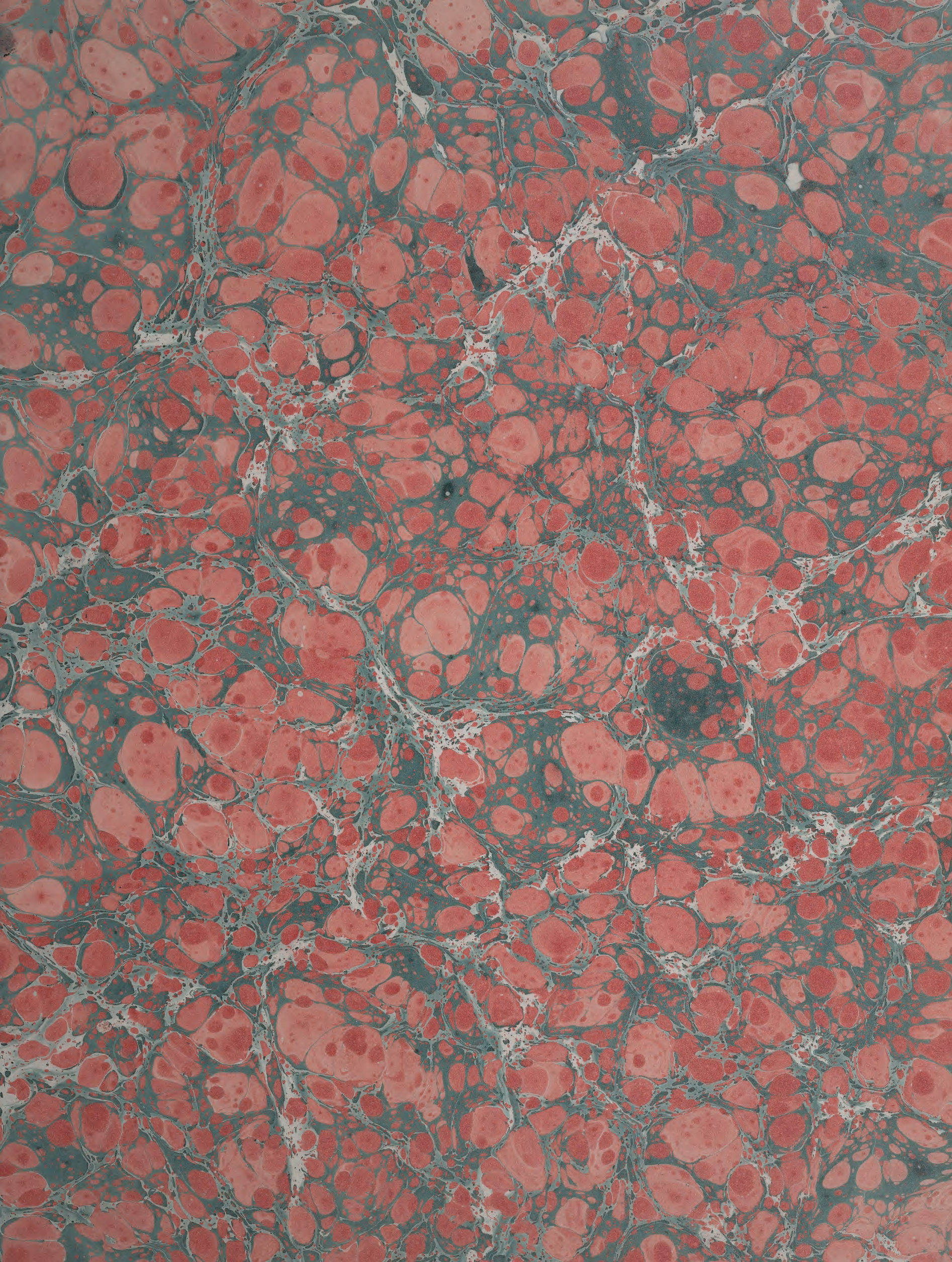


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OF THE  
AMERICAN ORNITHOLOGY

of  
Alexander Wilson  
and  
Charles Lucian Bonaparte  
Prince of Musignano

WITH THE ADDITION OF  
Numerous RECENTLY DISCOVERED Species  
AND Representations of  
The Whole Sylva  
OF  
NORTH AMERICA.

BY  
Captain Thomas Brown.

FLS. MWS. MKS. MPS.

LATE PRESIDENT OF THE ROYAL PHYSICAL SOCIETY.

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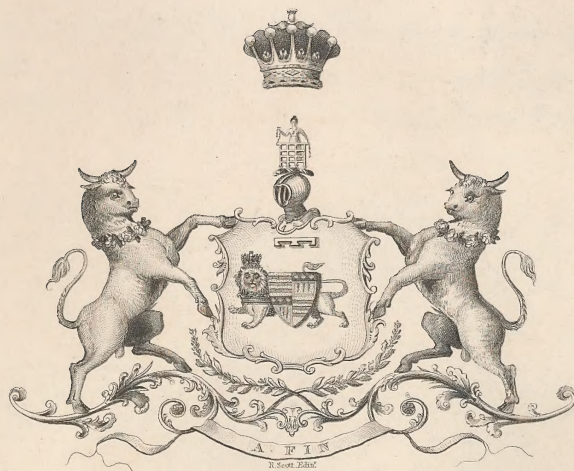
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TO

*The Right Honourable*

*David*

*Earl of Airlie*

*Lord Lieutenant of the County of Forfar*

*&c. &c. &c.*

*This*

**WORK IS INSCRIBED**

BY

*His Faithful Humble Servant*

*Thomas Brown.*







# SYSTEMATIC INDEX.

The arrangement adopted is that of Temminck, slightly altered, with the addition of some new Genera.

One Hundred and Sixty-one Birds have been added by the Editor, which are distinguished by an \*; and Eighty-seven Birds have been considerably enlarged; these latter are marked by a † prefixed. Besides the addition of One Hundred and Sixty-seven representations of Forest Trees and Shrubs.

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* 1. Californian Vulture,	<i>S. Californianus</i> , Plate I. fig.	
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† Ditto,	<i>ditto</i> , young, V. 1	
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† Ditto,	<i>ditto</i> , V. 2	
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* 1. Peregrine Falcon,	<i>F. peregrinus</i> , adult male, VII. 1	
† Ditto,	<i>ditto</i> , female, XI. 1	
* 2. Jerfalcon,	<i>Islandicus</i> , VII. 3	
† 3. American Sparrow Hawk,	<i>Sparverius</i> , male, XI. 2	
† Ditto,	<i>ditto</i> , female, XI. 3	
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* 5. Merlin,	<i>Esalon</i> , VII. 3	
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* 3. Stanley's ditto,	<i>Stanlii</i> , VII. 4	
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† Ditto,	<i>ditto</i> , young, V. 3	
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† Ditto,	<i>ditto</i> , female, 2	
* 2. Great Cinereous ditto,	<i>cinerea</i> , XV. 1	
* 3. Tengmalm's ditto,	<i>Tengmalmi</i> , 2	
* 4. Dalhousie's ditto,	<i>Dalhousiei</i> , 3	
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† 7. Barn or White ditto,	<i>flammea</i> , 3	
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9. Burrowing ditto,	<i>Cunicularia</i> , 5	
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† 11. Long-eared ditto,	<i>otus</i> , 2	
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† 2. Fish Crow,	<i>ossifragus</i> , 2	
3. Crow or Rook,	<i>corone</i> , XIX. 3	
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* 1. Short-billed Jay,	<i>brachyrhynchus</i> , 1	
* 2. Columbian ditto,	<i>Bullockii</i> , 2	
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7. Canada ditto,	<i>Canadensis</i> , 4	
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† Ditto,	<i>ditto</i> , variety, 2	
2. Bohemian Wax-wing,	<i>garrula</i> , 3	
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1. Orchard Baltimore,	<i>Y. spurius</i> , adult male, XXIII. 1	
† Ditto,	<i>ditto</i> , 2d year, 2	
† Ditto,	<i>ditto</i> , 1st year, 3	
† Ditto,	<i>ditto</i> , female, 4	
2. Catesby's ditto,	<i>Baltimore</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
GENUS XIV. <i>Icterus</i> . <i>Troopials</i> . Temminck.		
1. Yellow-headed Troopial,	<i>I. icterocephalus</i> , male, XXIV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Red-winged ditto,	<i>Phæniceus</i> , male, 3	
† Ditto,	<i>ditto</i> , young, 4	
3. Cow ditto,	<i>pecoris</i> , male, 5	
† Ditto,	<i>ditto</i> , female, 6	
4. Rice ditto,	<i>agripennis</i> , 7	
† Ditto,	<i>ditto</i> , female, 8	
GENUS XV. <i>Quiscalus</i> . <i>Grakles</i> . Vieillot.		
1. Great Crow Grackle,	<i>Q. Major</i> , male, XXV. 1	
† Ditto,	<i>ditto</i> , female, 2	
2. Rusty,	<i>ferrugineus</i> , XXVI. 1	
3. Purple,	<i>versicolor</i> , 2	
† Ditto,	<i>ditto</i> , female, 3	
GENUS XVI. <i>Sturnella</i> . <i>Meadow-Larks</i> . Vieillot.		
1. Meadow-Lark,	<i>S. Ludoviciana</i> , male, XXVII. 1	
GENUS XVII. <i>Merula</i> . <i>Thrushes</i> . Ray.		
1. Ferruginous Thrush,	<i>M. rufa</i> , XXVIII. 1	
† Hermit ditto,	<i>solitaria</i> , 2	
3. Cat Bird,	<i>lvida</i> , 3	
4. Mocking Bird,	<i>Polyglotta</i> , male, 4	
5. Robin,	<i>migratoria</i> , 5	
6. Wood ditto,	<i>meloda</i> , 6	
7. Tawny ditto,	<i>mustilina</i> , 7	
* 8. Little Tawny ditto,	<i>minor</i> , XXIX. 1	
* 9. Richardson's ditto,	<i>Richardsonii</i> , 2	
10. Golden-crowned ditto,	<i>auricapilla</i> , 3	
11. Water ditto,	<i>aquatica</i> , 4	
* 12. Audubon's,	<i>Ludoviciana</i> , 5	
GENUS XVIII. <i>Cinclus</i> . <i>Dippers</i> . Bechstein.		
1. American Dipper,	<i>C. Americanus</i> , XXX. 1	
GENUS XIX. <i>Myiothera</i> . <i>Ant-Catchers</i> . Illiger.		
1. Rockymountain Ant-catcher,	<i>M. obsoleta</i> , XXX. 2	
GENUS XX. <i>Lanius</i> . <i>Shrikes</i> . Linnæus.		
* 1. Greater Northern Shrike,	<i>L. Borealis</i> , XXXI. 1	
* 2. American Gray ditto,	<i>excubitorides</i> , 2	
3. Great American ditto,	<i>excubitor</i> , 3	
4. Loggerhead ditto,	<i>Carolinensis</i> , 4	
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1. Tyrant Fly-catcher,	<i>M. tyrannus</i> , XXXII. 1	
† Great-crested ditto,	<i>crinita</i> , 2	
* 3. Richardson's ditto,	<i>Richardsonii</i> , 3	
* 4. Northern ditto,	<i>Borealis</i> , female, 4	
* 5. Say's ditto,	<i>Saya</i> , male, 5	
† Ditto ditto,	<i>ditto</i> , female, XXXIII. 7	
* 6. Little Tyrant,	<i>pusilla</i> , XXXII. 6	
7. Small Green-crested,	<i>querula</i> , XXXIII. 2	
8. Wood Pe-we,	<i>rapax</i> , 3	
9. Arkansas,	<i>verticalis</i> , 4	
10. Pe-wit,	<i>nunciola</i> , 5	
* 11. Traill's,	<i>Trailii</i> , 15	
SUB-GENUS. <i>Mitulus</i> . Swainson.		
12. Fork-tailed,	<i>Savanna</i> , 1	
13. Swallow-tailed,	<i>forficata</i> , 6	
GENUS XXII. <i>Setophaga</i> . <i>Gnat-catchers</i> . Swainson.		
1. Hooded Gnat-catcher,	<i>S. mitrata</i> , XXXIV. 1	
2. Green Black-capt,	<i>pusilla</i> , 2	
3. Yellow-tailed,	<i>ruticilla</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
† Ditto,	<i>ditto</i> , young, 5	
* 4. Selby's,	<i>Selbyi</i> , 6	
* 5. Bonaparte's,	<i>Bonapartii</i> , 7	
6. Small Blue-gray,	<i>cerulea</i> , male, 8	
* 7. Ditto,	<i>ditto</i> , female, 9	
GENUS XXIII. <i>Vireo</i> . <i>Chats</i> . Vieillot.		
1. Yellow-throated Chat,	<i>V. flavifrons</i> , XXXV. 1	
2. Solitary,	<i>solitarius</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
* 3. Vigors's,	<i>Vigorsii</i> , 4	
4. Pine Swamp,	<i>sphagnosa</i> , 5	
5. Yellow-breasted,	<i>polyglotta</i> , 6	
6. Red-eyed,	<i>olivacea</i> , 7	
7. White-eyed,	<i>Novoboracensis</i> , 8	
8. Warbling,	<i>melodia</i> , 9	
GENUS XXIV. <i>Sylvia</i> . <i>Warblers</i> . Latham.		
1. Golden-crowned,	<i>S. coronata</i> , male, summer, XXXVI. 1	
2. Black-throated Green,	<i>virens</i> , 2	
3. Yellow-rumped,	<i>maculosa</i> , 3	
† Ditto,	<i>ditto</i> , winter, XXXIX. 5	
† Ditto,	<i>ditto</i> , young male, 7	
4. Yellow Redpole,	<i>petasica</i> , XXXVI. 4	
5. Blackburnian,	<i>Blackburniae</i> , 5	
6. Bay-breasted,	<i>castanea</i> , 6	
7. Mourning,	<i>Philadelphia</i> , 7	
8. Chestnut-sided,	<i>Pennsylvanica</i> , XXXVI. 8	
9. Cerulean,	<i>cerulea</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
11. Tennessee,	<i>peregrina</i> , XXXVII. 1	
12. Maryland Yellow Throat,	<i>Marylandia</i> , male, 2	
† Ditto,	<i>ditto</i> , female, 3	
13. Blue Mountain,	<i>tigrina</i> , 4	
14. Palm,	<i>palmarum</i> , 7	
15. Hemlock,	<i>parus</i> , 5	
16. Blue-green,	<i>rara</i> , 6	
17. Orange-crowned,	<i>celata</i> , 8	
18. Cape May,	<i>Maritima</i> , male, 9	
† Ditto,	<i>ditto</i> , female, 10	
19. Blackpole,	<i>striata</i> , male, 11	
† Ditto,	<i>ditto</i> , female, 12	
20. Pine-creeping,	<i>pinus</i> , 13	
21. Prairie,	<i>minuta</i> , XXXVIII. 1	
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24. Golden-winged,	<i>chrysoptera</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
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26. Kentucky,	<i>formosa</i> , 7	
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34. Nashville,	<i>ruficapilla</i> , XXXIX. 1	
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* 36. Children's,	<i>Childreni</i> , male, 3	
* 37. Ditto,	<i>ditto</i> , female, 4	
† 38. Small headed,	<i>minuta</i> , 6	
* 39. Carbonated,	<i>carbonata</i> , adult male, XL. 4	
† Ditto,	<i>ditto</i> , young, 5	
* 40. Rathbone's,	<i>Rathbonia</i> , 3	
* 41. Roscoe's Yellow Throat,	<i>Rosco</i> , 6	
* 42. Bachman's,	<i>Bachmanii</i> , 1	
† Ditto,	<i>ditto</i> , young, 2	
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1. American Kinglet,	<i>R. Americanus</i> , male, XLI. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. Ruby-crowned,	<i>calendulus</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
* 3. Cuvier's,	<i>Cuvieri</i> , male, 5	
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1. Winter Wren,	<i>T. hyemalis</i> , XLII. 1	
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3. House,	<i>edon</i> , 3	
4. Great Carolina,	<i>Ludoviciana</i> , 4	
* 5. Bewick's,	<i>Bewickii</i> , 5	
GENUS XXVII. <i>Sialia</i> . <i>Blue-Birds</i> . Swainson.		
* 1. Arctic Blue-bird,	<i>S. Arctica</i> , XLIII. 1	
2. Common,	<i>Wilsonii</i> , 2	
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1. Brown Titlark,	<i>A. Ludoviciana</i> , male, XLIII. 3	
† Ditto,	<i>ditto</i> , female, 4	
* 2. Prairie,	<i>pipiens</i> , 5	
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* 3. Canadian,	<i>Hudsonicus</i> , 5	
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* 1. Painted Bunting,	<i>E. picta</i> , XLV. 3	
2. Lapland Long-spurred,	<i>Laponica</i> , male, 4	
† Ditto,	<i>ditto</i> , female, 5	
* 3. Snow,	<i>nivalis</i> , summer, 6	
† Ditto,	<i>ditto</i> , winter, 7	
* 4. Henslow's,	<i>Henslowii</i> , 8	
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* 5. Arctic ground,	<i>Arctica</i> , male, 1	
† Ditto,	<i>ditto</i> , female, 2	
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2. Scarlet Tanager,	<i>rubra</i> , male, 3	
† Ditto,	<i>ditto</i> , female, 4	
3. Louisiana,	<i>Columbianus</i> , 5	
GENUS XXXIII. <i>Loxia</i> . <i>Crossbills</i> . Brisson.		
1. American Crossbill,	<i>L. curvirostra</i> , young male, XLVII. 1	
† Ditto,	<i>ditto</i> , female, 2	
* 2. White-winged ditto,	<i>leucoptera</i> , male, 3	
† Ditto,	<i>ditto</i> , young male, 4	
† Ditto,	<i>ditto</i> , female, 5	



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- \* 1. Pine Bullfinch, *P. Enucleator*, male, XLVIII. 1
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  - Ditto, ditto, female, 3
  - 2. Crimson-headed, ditto, male, frontalis, male, 4
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- 1. Lazuli Finch, *F. amara*, XLIX. 1
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  - Ditto, ditto, female, 3
  - 3. Arkansaw, *psalleria*, 4
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  - 6. Rose-breasted, *Ludoviciana*, male, 8
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  - 7. White-crowned, *leucophrys*, L. 1
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  - 9. Swamp, *palustris*, 3
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  - Ditto, ditto, female, 5
  - 11. Field, *pusilla*, 6
  - 12. Tree, *arborea*, 7
  - 13. Chipping, *socialis*, 8
  - 14. Yellow-winged, *passerina*, 9
  - 15. Fox-coloured, *ferruginea*, 10
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  - 18. Sharp-tailed, *caudacuta*, 3
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  - 26. Pine ditto, *pinus*, 7
  - 27. Cardinal ditto, *cardinalis*, male, LIII. 1
  - Ditto, ditto, female, 2
  - 28. Purple ditto, *purpurea*, male, 3
  - Ditto, ditto, young ditto, 4
  - Ditto, ditto, female, 5
  - 29. Blue, *cærulea*, 6
  - 30. Black-throated, *Americana*, 7

- GENUS XXXVI. *Coccyzus*. Cuckoos. Vicillot.
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  - 2. Black-bellied ditto, *erythrophthalmus*, 3

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- 1. Carolina Parrot, *P. Carolinensis*, male, LIV. 1

- GENUS XXXVIII. *Picus*. Woodpeckers. Linnaeus.
- † 1. Ivory-billed Woodpecker, *P. principalis*, male, LV. 1
  - Ditto, ditto, female, 2
  - † 2. Pilated ditto, *piliatus*, male, LVI. 1
  - Ditto, ditto, female, 2
  - 3. Three-toed ditto, *tridactylus*, male, LV. 3
  - 4. Arctic three-toed ditto, *Arcticus*, male, LVI. 3
  - Ditto, ditto, 2
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  - 6. Lewis's ditto, *torquatus*, LVII. 1
  - 7. Hairy ditto, *villosus*, 3
  - 8. Red-bellied ditto, *Carolinensis*, 4
  - 9. Downy ditto, *pubescens*, 5
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  - 2. Red-bellied, black-capped ditto, *varia*, 2
  - 3. Brown-headed ditto, *pusilla*, 3

- GENUS XL. *Certhia*. Creepers. Linnaeus.
- 1. Brown Creeper, *C. familiaris*, LX. 1
  - 2. Black and White, *maculata*, 2

- GENUS XLI. *Trochilus*. Humming-Birds. Linnaeus.
- 1. Northern Humming-Bird, *T. Colubris*, male, LXI. 1
  - Ditto, ditto, female, 2
  - Ditto, ditto, young, 3
  - \* 2. Ruff-necked ditto, *rufus*, male, 4
  - Ditto, ditto, young male, 5
  - Ditto, ditto, female, 6
  - Ditto, ditto, young ditto, 7
  - \* 3. Mangrove ditto, *Mango*, male, 9
  - Ditto, ditto, female, 10

- GENUS XLII. *Alcedo*. Kingfishers. Linnaeus.
- 1. Belted Kingfisher, *A. alcyon*, male, LXII. 1
  - Ditto, ditto, female, 2

- GENUS XLIII. *Cypselus*. Swallows. Illiger.
- 1. Chimney Swallow, *C. pelagius*, LXIII. 1

- GENUS XLIV. *Hirundo*. Martins. Linnaeus.
- 1. Purple Martin, *H. purpurea*, male, LXIII. 2
  - Ditto, ditto, female, 3
  - 2. Barn ditto, *rufa*, male, 4
  - Ditto, ditto, female, 5
  - 3. White-bellied ditto, *bicolor*, 6
  - 4. Bank ditto, *riparia*, 7
  - 5. Cliff ditto, *fulva*, 8

- GENUS XLV. *Caprimulgus*. Night-hawks. Linnaeus.
- 1. Virginian Night-hawk, *C. Virginianus*, male, LXIV. 1
  - Ditto, ditto, female, 2
  - 2. Whip Poor Will, *vociferus*, male, 3
  - Ditto, ditto, female, 4
  - 3. Chuck Will's Widow, *Carolinensis*, 5

- GENUS XLVI. *Columba*. Pigeons. Linnaeus.
- 1. Passenger Pigeon, *C. migratoria*, LXV. 1
  - 2. Carolina Turtle Dove, *Carolinensis*, LXVI. 1
  - 3. Zenaida ditto, *Zenaida*, LXV. 3
  - 4. Band-tailed Pigeon, *fasciata*, LXV. 2
  - 5. White-crowned ditto, *leucocophalus*, LXVI. 2
  - 6. Ground Dove, *passerina*, male, 3
  - Ditto, ditto, female, 4

- GENUS XLVII. *Meleagris*. Turkeys. Linnaeus.
- † 1. Wild Turkey, *M. Gallapavo*, male, LXVII. 1
  - Ditto, ditto, female, 2
  - † 2. Ditto, ditto, young, 3-3
  - \* 2. Honduras ditto, *ocellata*, male, LXVIII. 1

- GENUS XLVIII. *Ortyx*. Quails. Stephens.
- 1. Virginian Partridge or Quail, *O. Virginiana*, male, LXIX. 1
  - Ditto, ditto, female, 2
  - \* 2. Long-tailed ditto, *Macroura*, LXX. 1
  - \* 3. Montezuma's ditto, *Montezuma*, 2
  - \* 4. Douglas's ditto, *Douglasii*, LXXI. 1
  - \* 5. Californian ditto, *Californica*, male, 2
  - Ditto, ditto, female, 3
  - \* 6. Harnessed ditto, *capistrata*, LXXII. 1
  - \* 7. Welcome ditto, *neozinus*, 2
  - \* 8. Painted ditto, *picta*, male, LXXIII. 1
  - Ditto, ditto, female, 2

- GENUS XLIX. *Tetrao*. Grouse. Linnaeus.
- 1. Ruffed Grouse, *T. Umbellus*, male, LXXIV. 1
  - 2. Sharp-tailed, *phasianellus*, female, 2
  - 3. Pinnated, *cupido*, male, LXXV. 1
  - Ditto, ditto, female, 2
  - \* 4. Dusky, *obscurus*, male, LXXVI. 1
  - Ditto, ditto, female, 2
  - 5. Spotted, *Canadensis*, male, LXXVII. 1
  - Ditto, ditto, female, 2
  - † 6. Rocky Mountain Spotted, *Franklinii*, male, LXXVIII. 1
  - Ditto, ditto, female, 2
  - \* 7. Richardson's ditto, *Richardsonii*, male, LXXIX. 1
  - \* 8. Cock of the Plains, *Urophasianus*, male, LXXX. 1
  - Ditto, ditto, female, 2

- GENUS L. *Lagopus*. Ptarmigan. Ray.
- \* 1. Willow Ptarmigan, *L. Saliceti*, male, spring, LXXXI. 1
  - Ditto, ditto, summer, 2
  - Ditto, ditto, female, winter, 3
  - \* 2. White-tailed ditto, *leucurus*, LXXXII. 1
  - \* 3. Rock ditto, *rupestris*, 2
  - \* 4. Common ditto, *mictus*, male, winter, LXXXIII. 1
  - Ditto, ditto, female, summer, 2

## DIVISION II.—WATER BIRDS.

- GENUS LI. *Himantopus*. Himantopus. Brisson.
- † 1. Black-necked Himantopus, *H. nigricollis*, LXXXIV. 1

- GENUS LII. *Haematopus*. Oyster Catchers. Linnaeus.
- † 1. Pied Oyster-Catcher, *H. ostralegus*, LXXXV. 1

- GENUS LIII. *Charadrius*. Plovers. Linnaeus.
- † 1. Wilson's Plover, *C. Wilsonius*, LXXXVI. 1
  - † 2. Ring ditto, *semipalmatus*, 2
  - † 3. Killdeer ditto, *vociferus*, 3
  - † 4. Musical ditto, *melodus*, 4
  - † 5. Virginian ditto, *Virginianus*, 5

- GENUS LIV. *Vanellus*. Vanelles. Brisson.
- † 1. Black-bellied Plover, *V. cinereus*, LXXXVI. 6

- GENUS LV. *Streptopelia*. Turnstones.
- † 1. Turnstone, *S. interpres*, LXXXVII. 1

- GENUS LVI. *Grus*. Cranes. Pallas.
- 1. Whooping Crane, *G. Americana*, LXXXVIII. 1
  - \* 2. Brown ditto, *Canadensis*, 2

- GENUS LVII. *Ardea*. Herons. Linnaeus.
- † 1. Great Heron, *A. Herodias*, LXXXIX. 1
  - † 2. Louisiana ditto, *Ludoviciana*, 2
  - † 3. Green ditto, *virescens*, 3

- GENUS LVIII. *Botaurus*. Bitterns. Brisson.
- † 1. American Bittern, *B. Minor*, XC. 1
  - † 2. Least ditto, *Exilis*, 2

- GENUS LIX. *Nycticorax*. Night-Herons. Bonaparte.
- † 1. Common Night-Heron, *N. Gardinii*, XCI. 1
  - † 2. White-crowned ditto, *violacea*, 2
  - Ditto, ditto, young, 3

- GENUS LX. *Egretta*. Egrets. Jardine.
- † 1. Great Egret, *E. leucæ*, XCII. 1
  - † 2. Snowy ditto, *candidissima*, 2
  - † 3. Blue ditto, *cærulea*, 3

- GENUS LXI. *Phenicopterus*. Flamingos. Linnaeus.
- † 1. Red Flamingo, *P. ruber*, XCIII. 1

- GENUS LXII. *Recurvirostra*. Avocets. Linnaeus.
- 1. American Avocet, *R. Americana*, XCIII. 2

- GENUS LXIII. *Platalea*. Spoon-bills. Linnaeus.
- 1. Roseate Spoonbill, *P. Ajaja*, XCIV. 1

- GENUS LXIV. *Tantalus*. Ibis. Linnaeus.
- † 1. Wood Ibis, *T. loculator*, XCV. 1

- GENUS LXV. *Ibis*. Ibis. Lacepede.
- \* 1. Scarlet Ibis, *I. rubra*, adult, XCVI. 1
  - Ditto, ditto, second year, 2
  - Ditto, ditto, first ditto, 3
  - † 2. White ditto, *alba*, 4

- GENUS LXVI. *Numenius*. Curlews. Brisson.
- † 1. Long-billed Curlew, *N. longirostris*, XCVII. 1
  - \* 2. Hudsonian, *Hudsonius*, 2
  - † 3. Esquimaux, *Borealis*, 3

- GENUS LXVII. *Tringa*. Sandpipers. Brisson.
- 1. Ash-coloured Sandpiper, *T. cinerea*, XCVIII. 1
  - 2. Red-breasted ditto, *rufa*, 2
  - \* 3. Purple ditto, *maritima*, 3
  - \* 4. Douglas's ditto, *Douglasii*, 4
  - † 5. Diminutive ditto, *pusilla*, 5
  - † 6. Semipalmated ditto, *semipalmata*, 6
  - † 7. Red-backed ditto, *Alpina*, winter, 7
  - Ditto, ditto, summer, 8
  - \* 8. Pigmy ditto, *minuta*, 9

- GENUS LXVIII. *Calidris*. Sanderlings. Illiger.
- † 1. Sanderling, *C. arenaria*, summer, XCIX. 1
  - † 2. Ditto, ditto, winter, 2

- GENUS LXIX. *Totanus*. Tattlers. Bechstein.
- 1. Solitary Tattler, *T. chloropygius*, C. 1
  - 2. Yellow Shank ditto, *flavipes*, 2
  - 3. Tell-tale ditto, *melanoleucus*, 3
  - \* 4. Semipalmated ditto, *semipalmatus*, summer, 4
  - 5. Ditto, ditto, winter, 5
  - † 6. Bartram's ditto, *Bartramius*, 6
  - \* 7. Red-shank ditto, *calidris*, 7
  - \* 8. Spotted, *macularis*, 8
  - \* 9. White, *candidus*, 9

- GENUS LXX. *Limosa*. Godwits. Brisson.
- \* 1. Great marbled Godwit, *L. fedoa*, male, CI. 1
  - Ditto, ditto, female, 2
  - \* 2. Hudsonian, *Hudsonica*, 3
  - \* 3. White, *alba*, 4

- GENUS LXXI. *Scolopax*. Snipes. Linnaeus.
- † 1. Red-breasted Snipe, *S. Novoboracensis*, CII. 1
  - \* 2. Wilson's ditto, *Wilsonii*, 2
  - 3. American Woodcock, *minor*, 3

- GENUS LXXII. *Rallus*. Rails. Linnaeus.
- 1. Clapper Rail, *R. crepitans*, CIII. 1
  - 2. Virginian ditto, *Virginianus*, 2
  - \* 3. Yellow-breasted, *Novoboracensis*, 3
  - 4. Carolina, *Carolinus*, 4

- GENUS LXXIII. *Gallinula*. Gallinules. Brisson.
- 1. Martinico Gallinule, *G. Martinico*, CIV. 2

- GENUS LXXIV. *Fulica*. Coots. Linnaeus.
- 1. Cinereous Coot, *F. Americana*, CIV. 1

- GENUS LXXV. *Phalaropus*. Phalaropes. Brisson.
- † 1. Flat-billed Phalarope, *P. fulicarius*, CV. 1
  - \* 2. Wilson's ditto, *Wilsonii*, 2
  - \* 3. Ditto, ditto, young, 3
  - \* 4. Hyperborean, *hyperboreus*, 4
  - \* 5. Ditto, ditto, young, 5

- GENUS LXXVI. *Podiceps*. Grebes. Latham.
- \* 1. Crested Grebe, *P. cristatus*, CVI. 1
  - \* 2. Horned ditto, *cornutus*, 2
  - \* 3. Red-necked, *rubicollis*, 3

- GENUS LXXVII. *Rhyncops*. Skimmers. Linnaeus.
- 1. Black Skimmer, *R. nigra*, CVII. 1

- GENUS LXXVIII. *Sterna*. Terns. Linnaeus.
- † 1. Lesser Tern, *S. minuta*, CVIII. 1
  - † 2. Sooty ditto, *fuliginosa*, 2
  - † 3. Black ditto, *nigra*, summer, 3
  - Ditto, ditto, winter, 4
  - † 4. Ditto, ditto, young, 5
  - † 5. Marsh ditto, *aranea*, 6
  - † 6. Great ditto, *hirundo*, 7
  - † 7. Arctic ditto, *Arctica*, 8

- GENUS LXXIX. *Larus*. Gulls. Linnaeus.
- \* 1. Fork-tailed Gull, *L. Sabini*, CIX. 1
  - \* 2. Cuneate-tailed ditto, *Rosii*, 2
  - \* 3. Bonaparte ditto, *Bonapartei*, 3
  - \* 4. Franklin's rosy ditto, *Franklinii*, 4
  - 5. Laughing ditto, *atricilla*, 5
  - \* 6. Little ditto, *minutus*, 6
  - \* 7. Ditto, ditto, young, 7
  - \* 8. Mew ditto, *Canus*, 8
  - \* 9. Burgomaster, *glauclus*, 9
  - \* 10. White-winged Silvery ditto, *leucopterus*, CX. 1
  - \* 11. Ivory ditto, *eburneus*, 2
  - \* 12. Kittiwake ditto, *tetractylus*, summer, 3
  - Ditto, ditto, first moult, 4

- GENUS LXXX. *Lestris*. Skuas. Illiger.
- \* 1. Arctic Skua, *L. parasiticus*, CXI. 3
  - \* 2. Pomarine ditto, *Pomarinus*, 4
  - \* 3. Richardson's, *Richardsonii*, 5
  - \* 4. Common, *cataractæ*, 6

- GENUS LXXXI. *Thalasidroma*. Petrels. Bonaparte.
- † 1. Wilson's Petrel, *T. Wilsonii*, CXI. 1
  - \* 2. Fork-tailed ditto, *Bullockii*, 2

- GENUS LXXXII. *Anas*. Ducks. Linnaeus.
- 1. Mallard, *A. boschas*, male, CXII. 1
  - \* 2. Ditto, ditto, female, 2
  - 3. Shoveller, *claypeata*, male, 3
  - † 4. Pin-tail, *acuta*, male, 4
  - † 5. Dusky, *obscura*, 5
  - † 6. Blue-winged, *discors*, 6
  - † 7. Green-winged, *crecca*, 7

- GENUS LXXXIII. *Merica*. Wigeons. Stephens.
- † 1. American Wigeon, *M. Americana*, CXIII. 1

- GENUS LXXXIV. *Dendrocygna*. Wood-Ducks. Swainson.
- † 1. Summer Wood-Duck, *D. sponsa*, CXIII. 2

- GENUS LXXXV. *Somateria*. Eiders. Leach.
- \* 1. King Eider, *S. spectabilis*, male, CXIII. 3
  - \* 2. Ditto, ditto, female, 4
  - † 3. Common ditto, *molissima*, male, 5
  - † 4. Ditto, ditto, female, 6



# SYSTEMATIC INDEX.

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GENUS LXXXVI. <i>Oidemia</i> . <i>Scoters</i> . Fleming.			
† 1. Velvet Scoter,	<i>O. fusca</i> ,	CXIV.	1
† 2. American ditto,	<i>Americana</i> ,		2
† 3. Surf ditto,	<i>perspicillata</i> ,		3
GENUS LXXXVII. <i>Fuligula</i> . <i>Pochards</i> . Ray.			
† 1. Ruddy Pochard,	<i>F. rubida</i> , male,	CXV.	1
† Ditto,	ditto, female,		2
† 2. Red-headed ditto,	<i>ferina</i> ,		3
† 3. Ring-necked ditto,	<i>rufitorques</i> ,		4
† 4. Pied ditto,	<i>Labradoria</i> ,		5
† 5. Scaup ditto,	<i>marila</i> , male,		6
† 6. Ditto, ditto,	ditto, female,		7
† 7. Canvass-back ditto,	<i>Vallisneria</i> ,		8
GENUS LXXXVIII. <i>Clangula</i> . <i>Garrots</i> . Leach.			
* 1. Rocky-mountain Garrot,	<i>C. Barrovii</i> ,	CXVI.	1
† 2. Harlequin ditto,	<i>histrionica</i> ,		2
† 3. Buffle-headed ditto,	<i>albcola</i> , male,		3
† Ditto,	ditto, female,		4
† 4. Golden-eye ditto,	<i>vulgaris</i> , male,		5
* Ditto,	ditto, female,		6

GENUS LXXXIX. <i>Harelda</i> . <i>Harelds</i> . Leach.			
† 1. Long-tailed Hareld,	<i>H. glacialis</i> ,	CXVI.	7
† Ditto,	ditto, female,		8
GENUS XC. <i>Mergus</i> . <i>Mergansers</i> . Linnæus.			
† 1. Hooded Merganser,	<i>M. cucullatus</i> ,	CXVII.	1
† 2. Red-breasted ditto,	<i>serrator</i> ,		2
† 3. Goosander,	<i>Merganser</i> , male,		3
† 4. Ditto,	ditto, female,		4
† 5. Smew,	<i>abellus</i> ,		5
GENUS XCI. <i>Anser</i> . <i>Geese</i> . Bechstein.			
1. Canada goose,	<i>A. Canadensis</i> ,	CXVIII.	1
2. Snow ditto,	<i>hyperboreus</i> ,		2
† Ditto,	ditto, young,		3
3. Brent ditto,	<i>Barnicla</i> ,		4
* 4. Blue-winged,	<i>Edwardii</i> ,	CXIX.	1
* 5. Laughing,	<i>albifrons</i> ,		2
GENUS XCII. <i>Cygnus</i> . <i>Swans</i> . Meyer.			
* 1. Bewick's Swan,	<i>C. Bewickii</i> ,	CXX.	

GENUS XCVI. <i>Colymbus</i> . <i>Divers</i> . Latham.			
† 1. Great Northern Diver,	<i>C. glacialis</i> ,	CXXIII.	1
* 2. Red-throated ditto,	<i>Septentrionalis</i> ,		2
* 3. Black-throated ditto,	<i>Arcticus</i> ,		3
GENUS XCVI. <i>Uria</i> . <i>Guillemots</i> . Brisson.			
* 1. Black Guillemot,	<i>U. grylle</i> , summer,	CXXIV.	1
* Ditto,	ditto, winter,		2
* 2. Foolish ditto,	<i>troile</i> , summer,		3
* Ditto ditto,	ditto, winter,		4
* 3. Little ditto,	<i>Alle</i> , summer,		5
† Ditto, ditto,	winter,		6

## METHODICAL DISPOSITION OF THE NORTH AMERICAN SYLVA.

### OAKS.

#### FIRST DIVISION. ANNUAL FRUCTIFICATION.

##### First Section. *Lobed Leaves*.

1. White Oak,	<i>Quercus Alba</i> ,	L.	14
2. Common European,	<i>Robur</i> ,	X.	6
3. European White,	<i>Robur Pedunculata</i> ,	X.	7
4. Mossy Cup,	<i>Olivæformis</i> ,	L.	12
5. Over Cup White,	<i>Macrocarpa</i> ,	LIX.	4
6. Post,	<i>Obtusiloba</i> ,	L.	13
7. Over Cup,	<i>Lyrata</i> ,	XXXVI.	14

##### Second Section. *Toothed Leaves*.

8. Swamp White,	<i>Quercus prinus discolor</i> ,	XVI.	6
9. Chestnut White,	<i>pinus palustris</i> ,	XXXIII.	10
10. Rock Chestnut,	<i>pinus Monticola</i> ,	LVIII.	7
11. Yellow,	<i>pinus acuminatus</i> ,	XXXVI.	15
12. Small Chestnut,	<i>pinus clincapin</i> ,		13

#### SECOND DIVISION. BIENNIAL FRUCTIFICATION.

##### First Section. *Mucronated Leaves*. (Except 13.)

13. Live,	<i>Quercus Virens</i> ,	XXXVI.	16
14. Cork,	<i>Suber</i> ,	XI.	7
15. Willow,	<i>Phellos</i> ,	XXIV.	14
16. Laurel,	<i>Imbricaria</i> ,	XI.	5
17. Upland Willow,	<i>Cinerea</i> ,	XI.	6
18. Running,	<i>Pamila</i> ,	XXXV.	14

##### Second Section. *Lobed Leaves*.

19. Bartram's,	<i>Quercus Heterophylla</i> ,	LI.	9
20. Water,	<i>Aquatica</i> ,	LXIV.	10
	& <i>XLII.</i>		7
21. Black Jack,	<i>Ferruginea</i> .	IX.	7
22. Bear,	<i>Banisteri</i> ,	XXXVI.	17

##### Third Section. *Multifid or Many-cleft Leaves*.

23. Barrens Scrub,	<i>Quercus Catesbæi</i> ,	LII.	9
24. Spanish,	<i>Falcata</i> ,	LVIII.	8
25. Black,	<i>Tinctoria</i> ,	XII.	8
26. Scarlet,	<i>Coccinea</i> ,	LIX.	5
27. Gray,	<i>Ambigua</i> ,	XVII.	5
28. Red,	<i>Rubra</i> ,	VIII.	4

### WALNUTS.

#### First Section. *Simple Aments*. *Vegetation rapid*.

1. Common European Walnut,	<i>Juglans Regia</i> ,	XLII.	7, 8, 9
2. Black Walnut,	<i>Nigra</i> ,	LXII.	3
3. Butternut,	<i>Cathartica</i> ,	XLIX.	12

#### Second Section. *Compound Aments*, each *Peduncle* bearing three. *Vegetation slow*.

4. Pacanenut Hickory,	<i>Juglans Olivæformis</i> ,	XXXIII.	14
5. Bitternut ditto,	<i>Amara</i> ,	XLII.	6
6. Water Bitternut Hickory,	<i>Aquatica</i> ,	LXVI.	7
7. Mockernut Hickory,	<i>Tomentosa</i> ,	XXXVII.	17
8. Shellbark Hickory,	<i>Squamosa</i> ,	LXVI.	8
9. Thick Shellbark ditto,	<i>Laciniosa</i> ,	LVIII.	9
10. Pignut ditto,	<i>Porcina</i> ,	LVII.	12
11. Nutmeg ditto,	<i>Myristicæformis</i> ,	XXXVII.	16

### MAPLES.

#### First Section. *Sessile Flowers*. *Fructification vernal*.

1. White Maple,	<i>Acer Eriocarpum</i> ,	LXIV.	9
2. Red Flowering,	<i>Rubrum</i> ,	XLIX.	14

#### Second Section. *Pedunculated Flowers*. *Fructification autumnal*.

3. Sugar Maple,	<i>Acer Saccharinum</i> ,	V.	8
4. Black Sugar Maple,	<i>Nigrum</i> ,	LI.	11
5. Norway Maple,	<i>Platanoides</i> ,	LII.	12
6. Sycamore,	<i>Pseudo-Platanus</i> ,	XVIII.	4
7. Moose Wood,	<i>Striatum</i> ,	LI.	12
8. Box Elder,	<i>Negundo</i> ,	LI.	9
9. Mountain Maple,	<i>Montanum</i> ,	LXII.	4

1. Dogwood,	<i>Cornus Florida</i> ,	XV.	4
1. Georgia Bark,	<i>Pinckneya pubens</i> ,	XXXVIII.	17
1. Coffee-Tree,	<i>Gymnocladus-Canadensis</i> ,	VIII.	5
1. Spanish Coffee-Tree,	<i>Cassia Occidentalis</i> ,	XXXIX.	8
1. Wild or Cane Vine,	<i>Vulgo</i> ,	XXXVII.	15

### MAGNOLIAS.

1. Large Flowered Magnolia,	<i>Magnolia grandiflora</i> ,	LX.	3
2. Small Magnolia,	<i>Glaucia</i> ,	XXI.	9
3. Cucumber Tree,	<i>Acuminata</i> ,	XXX.	6

4. Heart-leaved Cucumber Tree,	<i>Cordata</i> ,	XXXV.	10
5. Umbrella Tree,	<i>tripetala</i> ,	XXXV.	12
6. Long-leaved Cucumber Tree,	<i>Auriculata</i> ,	XLIV.	3
7. Large-leaved Umbrella Tree,	<i>Macrophylla</i> ,	XVIII.	3

1. Loblolly Bay,	<i>Gordonia Lasianthus</i> ,	XXII.	6
1. Franklinia,	<i>pubescens</i> ,	XXXII.	8

1. Papaw,	<i>Anona Triloba</i> ,	XXX.	7
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1. Tulip Tree,	<i>Lyrodendrum Tulipifera</i> ,	XXV.	7
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1. Sweet Gum,	<i>Liquidambar Styraciflua</i> ,	X.	5
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1. Button Wood,	<i>Platanus Occidentalis</i> ,	XXXII.	9
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1. Catalpa,	<i>Bignonia Catalpa</i> ,	XLIV.	4
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1. Crab Apple,	<i>Malus Coronaria</i> ,	XIV.	3
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1. June Berry,	<i>Maspilus Arborea</i> ,	XXIII.	8
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1. Dwarf Rose Bay,	<i>Rhododendrum Maximum</i> ,	XXIII.	12
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1. Mountain Laurel,	<i>Kalmia Latifolia</i> ,	LXI.	8
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### BIRCHES.

#### First Section. *Fertile Aments*, *pedunculated and pendulous*.

1. Conoe Birch,	<i>Betula Papyracia</i> ,	XXXII.	11
2. Common European,	<i>Alba</i> ,	XLIX.	10
3. White,	<i>Populifolia</i> ,	XXIII.	9

#### Second Section. *Fertile Aments*, *sessile and erect*.

4. Red Birch,	<i>Betula Rubra</i> ,	XVII.	7
5. Yellow Birch,	<i>Lutea</i> ,	XXI.	10
6. Black Birch,	<i>Lenta</i> ,	L.	15

1. Common Alder,	<i>Alnus Serrulata</i> ,	XXIII.	11
2. Black Alder,	<i>Glauca</i> ,	XXIII.	10

1. Locust Tree,	<i>Robinia Pseudo-Acacia</i> ,	LXVII.	4
2. Rose Flowering Locust,	<i>Viscosa</i> ,	L.	16

1. Yellow Wood,	<i>Virgilia Lutea</i> ,	XXIX.	7
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1. Sweet Locust,	<i>Gleditsia Triacanthos</i> ,	XXXV.	11
2. Water Locust,	<i>Monosperma</i> ,	XXXIV.	11

1. Sassafras,	<i>Laurus Sassafras</i> ,	LXIII.	13
2. Red Bay,	<i>Carolinensis</i> ,	XXIX.	3
3. Camphor Tree,	<i>Camphora</i> ,	LXXIX.	3

1. American Holly,	<i>Ilex Opaca</i> ,	XXVI.	5
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1. Sorel Tree,	<i>Andromeda Arborea</i> ,	XXXV.	13
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1. Devil Wood,	<i>Olea Americana</i> ,	XXVI.	6
2. Olive Tree,	<i>Europea</i> ,	LXIII.	12

1. Wild Cherry,	<i>Cerasus Virginiana</i> ,	XXXII.	10
2. Wild Orange,	<i>Caroliniana</i> ,	XXXVII.	18
3. Red Cherry,	<i>Borealis</i> ,	XXXIX.	9

1. Large Buck-eye,	<i>Pavia Lutea</i> ,	XXXIII.	13
2. Ohio Buck-eye,	<i>Ohioensis</i> ,	XXII.	4

1. Persimon,	<i>Diospyros Virginiana</i> ,	XVII.	6
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1. Carolina Poplar,	<i>Populus Angulata</i> ,	XXXII.	7
2. Catton Wood,	<i>Canadensis</i> ,	LXV.	7
3. American Black Poplar,	<i>Hudsonica</i> ,	XXXIV.	14
4. Virginian Poplar,	<i>Monilifera</i> ,	15	
5. Cotton Tree,	<i>Argentea</i> ,	XXXIX.	10
6. Balsam Poplar,	<i>Balsamifera</i> ,	XXXIII.	12
7. Heart-leaved Balsam Poplar,	<i>Candicans</i> ,	11	
8. American Aspin,	<i>Tremuloides</i> ,	XXXVIII.	21
9. American Large Aspin,	<i>Grandidentata</i> ,	15	
10. Common White or Grey Poplar,	<i>Canescens</i> ,	XXII.	5

1. Cabbage Tree,	<i>Chamerops Palmetto</i> ,	XC.	2
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1. Pride of India,	<i>Melia Azedarach</i> ,	XIX.	6
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1. Pistacia Tree,	<i>Pistacia Vera</i> ,		5
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1. American Chestnut,	<i>Castanea Visca</i> ,	VII.	5
2. Chincapin,	<i>Pumila</i> ,	XXVIII.	9
1. White Beech,	<i>Fagus Sylvestris</i> ,	XLV.	10
2. Red Beech,	<i>Ferruginea</i> ,	LIV.	7

1. American Hornbeam,	<i>Carpinus Americana</i> ,	XXVIII.	11
2. Iron Wood,	<i>Ostrya</i> ,	XLVI.	9

1. Black Gum,	<i>Nyssa Sylvatica</i> ,	XV.	5
2. Tupelo,	<i>Aquatica</i> ,	XLVI.	8
3. Large Tupelo,	<i>Grandidentata</i> ,	LXV.	
4. Sour Tupelo,	<i>Capitata</i> ,	V.	7

1. American Nettle Tree,	<i>Celtis Occidentalis</i> ,	XLIX.	11
2. Hack Berry,	<i>Crassifolia</i> ,	XLVI.	6

1. Red Mulberry,	<i>Morus Rubra</i> ,	LIII.	12
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1. Sweet Leaf,	<i>Hopea Tinctoria</i> ,	XXIV.	15
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1. White Ash,	<i>Fraxinus Americana</i> ,		13
2. Red Ash,	<i>Tomentosa</i> ,	LIII.	11
3. Green Ash,	<i>Viridis</i> ,	IX.	6
4. Common European Ash,	<i>Excelsior</i> ,	XXXI.	6
5. Black Ash,	<i>Sambucifolia</i> ,	XVI.	7
6. Blue Ash,	<i>Quadrangulata</i> ,	XXXI.	7
7. Caroline Ash,	<i>Platycarpa</i> ,	XXXVIII.	19

1. Champlain Willow,	<i>Salix Ligustrina</i> ,	XXVIII.	10
2. Shining Willow,	<i>Lucida</i> ,	XLVI.	7
3. Black Willow,	<i>Nigra</i> ,	XLIX.	13

1. White Elm,	<i>Ulmus Americana</i> ,	XXXVIII.	20
2. Wahoo,	<i>Alata</i> ,	XXXI.	8
3. Red Elm,	<i>Rubra</i> ,	LII.	10
4. Common European Elm,	<i>Campestris</i> ,		11
5. Dutch Elm,	<i>Suberosa</i> ,	XXXI.	9

1. Planer Tree,	<i>Planera Ulmifolia</i> ,	LVIII.	10
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1. American Lime,	<i>Tilia Americana</i> ,	XLIII.	7
2. White Lime,	<i>Alba</i> ,	XLV.	9
3. Downy Lime,	<i>Pubescens</i> ,	XCII.	4

### PINES, SPRUCES, AND LARCHES.

#### Two-leaved Pines. *Cones Smooth*.

1. Red (Norway) Pine,	<i>Pinus Rubra</i> ,	XLVII.	6
2. Stone Pine,	<i>Pinea</i> ,	LXXIV.	5
3. Grey Pine,	<i>Ruprestis</i> ,	LVII.	11
4. Yellow Pine,	<i>Mitis</i> ,	XLVII.	7
5. Wild Pine, or Scotch Fir,	<i>Sylvestris</i> ,	XXXIV.	12

#### Cones Thorny.

6. New Jersey Pine,	<i>Inops</i> ,	LIII.	9
7. Table Mountain Pine,	<i>Pungens</i> ,	XLVIII.	6

#### Three-leaved. *Cones Smooth, or with small Spines*.

8. Long-leaved Pine,	<i>Australis</i> ,	IX.	5
9. Pond Pine,	<i>Serotina</i> ,	XLVIII.	7

#### Cones Thorny.

10. Pitch Pine,	<i>Rigida</i> ,	XXXIV.	12
11. Loblolly Pine,	<i>Teda</i> ,	XLVII.	8

#### Five-leaved Pines.

12. White Pine,	<i>Strobus</i> ,	XLVII.	9
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SPRUCES. <i>Leaves short, and disposed singly round the Branches</i> .			
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SARCOMPHUS CALIFORNIENSIS.  
CALIFORNIAN VULTURE.

Engraved by Samuel Milne.

















CATHARTES AURA.  
TURKEY VULTURE.

















CATHARTES ATRATUS.  
BLACK VULTURE.

















AQUILA  
EAGLES.  
2. Golden Eagle. A. Chrysaetos. Adult.  
2. Osprey. — Halimetus

Engraved by James Turvey.

















*FALCO.*  
EAGLES & HAWKS.

- 1 Ring-Tail Eagle. *F. fulvus*. 2 Sea Eagle. *F. ossifragus*.  
3 Marsh Hawk. *F. religiosus*. 4 *Cicindella formosa*.  
5 *Spiraea alba* female. 6 *Papilio andromachia*.  
7 The Sour Tupelo. 8 Sugar Maple.

















PLATE.  
 7 White-headed Eagle *E. leucosphalus*  
 2 Swallow-tailed Hawk *E. pyrastus*  
 3 Pigeon Hawk *E. columbarius*  
*Hypob. L. L. L.*

















FALCO.  
FALCONS.  
1. Peregrine Falcon. *F. peregrinus* Val.  
2. Merula. *M. merula* L.  
3. Noddy. *N. noddy* L.

ACCIPITER.  
HAWKS.  
1. Stanley's Hawk. *A. stansleyi* L.  
2. American Osprey. *A. americanus* L.

















FALCO.  
HAWKS.

1. Rough-Legged Falcon. *F. Lagopus.*  
2. Broad-Winged Hawk. *L. lanius.*  
3. Sharp-Shinned Hawk. *F. aler.* Young female.  
4. Red Oak, & Cotone Tree.

J. J. Aud. del.  
W. Wood engr.

















FALCO.  
HAWKS.

- |  |                     |
|--|---------------------|
| 1. Slate Coloured Hawk. <i>F. Pennsylvanicus</i>   | 5. Long Headed Pine |
| 2. Red Shouldered D <sup>o</sup> . <i>Lineatus</i> | 6. Green Ash        |
| 3. Black D <sup>o</sup> . <i>Niger</i>             | 7. Black Jack Oak.  |
| 4. D <sup>o</sup> Young. <i>.. D<sup>o</sup></i>   |                     |

















**FALCO  
HAWKS**  
 1. White Tailed H. E. *Dispar* 3. Coopers H. E. *Cooperii*  
 2. Blue H. *Cyanus* 4. *Dicaeetus Dilatatus*  
 5. Sweet Gum 6. Common European Oak 7. European White Oak.

















FALCO  
HAWKS.

1. Peregrine Falcon. *F. peregrinus*. Female.  
 2. American Sparrow Hawk. *- spangius*. Male.  
 3. " " " " Female.  
 4. Mississippi Kite. *- mississippiensis*. M.  
 5. Laurel Oak. 6. Upland Willow Oak. 7. Cork Oak.

















*FALCO.*  
HAWKS.

1 Winter Falcon. *F. Hyemalis.* 3 Red Tailed Hawk. *F. Borealis*  
2 Ash Coloured Hawk. *F. Palumbus.* 4 American Buzzard. *F. Leverianus*  
5 *Buprestis Fasciata.* 6 *Buprestis Rufipes.* 7 *Aegeria Omphale.*  
8 Black Oak.

Engraved by H. Scott.















*BUTEO VULGARIS*  
COMMON BUZZARD.













SNOWY OWL.  
*STRIX NYCTEA.*

Male & Female 3 American Crab Apple.















STRUT.  
O W L S.

- 1. Great Cincereous Owl. S. Cincerea. ———
- 2. Tengmalm's Owl. ——— Tengmalmi. ———
- 3. Dalhousie's Owl. D. ——— Dalhousiet. ———
- 4. Dog-wood. 5 Black Gum. ———















STRIX.  
OWLS.

- 1 Hawk Owl. *Stryx Hudsonia.*  
 2 Barred D? *- Nebulosa.* 6 Swamp White Owl.  
 3 Barn D? *- Flammula.* 7 Black Ash.  
 4 Little D? *- Passerina.*  
 5 Burrowing D? *- Curvicularia.*















STILL  
OWLS

- 1 Great Horned Owl — Virginia  
 2 Long Eared — Ohio  
 3 Mottled — 112 — Mexico Male  
 4 114 — 115 — Young Female  
 5 Grey Oak & Pecan — Red Hawk















STRIX.  
OWLS.

1. Short-eared Owl. — *S. brachyotus* —  
2. Arctic White-throated Owl. — *A. strigosa* —  
3. Long-eared Owl. — *N. noctua* —















CORVUS  
CROWS

1. Raven. 2. Fish Crow. 3. Crow. 4. Clark's Crow. 5. Columbian Crow.  
6. Indian Crow. 7. House Crow. 8. Jackdaw. 9. Rook. 10. Grackle.















GARRETT'S.  
JAYS.  
1. Short-billed Jay. *G. brachyrhynchus*.  
2. Columbian. D<sup>r</sup>. - *Bullockii*.  
3. Masque. *Pica*.  
4. Whiteflowered. *Stuartii*.















GARRULUS.  
JAYS.

- |   |             |              |   |            |               |
|---|-------------|--------------|---|------------|---------------|
| 1 | Stellers J. | G. Stelleri. | 3 | Florida J. | G. Floridanus |
| 2 | Blue J.     | - Cristatus. | 4 | Canada J.  | - Canadensis  |

5. Icterus Beticulatus. 6. L. Sanguinipennis 7. L. Perfection 8. Papilio Arthemis. 9. Small Magnolia. 10. Yellow Birch.



























YEPHANTIS.  
BALTIMORES.

- |                     |                       |                      |
|---------------------|-----------------------|----------------------|
| 1 Orchard Baltimore | Adult Male Y. Spurius | 7 Redstart Spissipus |
| 2 D.                | 1st Year Old          | 8 Lime Berry         |
| 3 D.                | 1st Year —            | 9 White Birch        |
| 4 D.                | Female                | 10 Black Alder       |
| 5 Catesby's D.      | Male Y. Baltimore     | 11 Common D.         |
| 6 D.                | Female                | 12 Dwarf Rose Bay    |

Engraved by R. Scott















TROOPIALS.

- |                             |                             |                               |
|-----------------------------|-----------------------------|-------------------------------|
| 1 Yellow Headed Troopial    | Male <i>Chlorostephanus</i> | 10 Calandra Tredecim Punctata |
| 2 D <sup>o</sup>            | Female                      | 11 Scela Tredecim             |
| 3 Red Winged D <sup>o</sup> | Male <i>Thrinaceus</i>      | 12 D <sup>o</sup> Confluenta  |
| 4 D <sup>o</sup>            | Young                       | 13 White Ash                  |
| 5 Cow D <sup>o</sup>        | Male <i>Pecoris</i>         | 14 Willow Ock                 |
| 6 D <sup>o</sup>            | Female                      | 15 Sweet Leaf                 |
| 7 D <sup>o</sup>            | Young                       |                               |
| 8 Rice D <sup>o</sup>       | Male <i>Agripennis</i>      | 9 D <sup>o</sup> Female.      |















QUISCALUS.  
GRACKLES.

1. Great Crow Grackle. Male. *Q. Major*  
 2. " " Female.  
 3. Rusty Grackle. *Ferrugineus*.  
 4. *Papilio Nicippe*. 5. *P. Andromacha*.  
 6. *Termez Columbia*. 7. *Tulip Poplar*.













QUISCALUS  
GRAKLES

1. Purple Grakle. Male. Q. *Versicolor*  
2. Do. Female

3. Scarabaeus Nitens Male 4. Do. Female 5. American Holly 6. Devil Wood.













*STURNELLA*, *Ludoviciana*  
 MEADOW-LARK *Male*  
*Plant Virginian Spider-Wort*

Engraved by Samuel Mearns













MERULA.  
 THRUSHES  
 1. Ferruginous Thrush. *M. Rust.*  
 2. Hermit Thrush. *-Solitaria.*  
 3. Cat Bird. *-Lusida.*  
 4. Mocking Bird, Male. *-Polyglotta.*  
 5. Robin. *-Merula.*  
 6. Wood Thrush. *-Melodia.*  
 7. Tawny Thrush. *-Mustelina.*  
 8. Plane Tree. *-Chinensis.*  
 9. Champlain Willow. *H. Hornbeum.*

See the following page.















MERTIA.  
THRUSHES.

- |                             |                 |
|-----------------------------|-----------------|
| 1. Little Tawny Thrush.     | M. minor        |
| 2. Fitzinger's " "          | " richardsoni   |
| 3. Golden-crowned " "       | " aureocapilla  |
| 4. Water " "                | " aquatica      |
| 5. Audubon's " "            | " auduboni      |
| 6. Red Bay. 7. Yellow Wood. | " indochinensis |













## CINCLUS.

## MYIOPHOBUS.

- 1 Pallas's Dipper. *C. Pallasii*. 2 Rocky Mountain Ant-catcher. *M. Obsolota*.  
 3 Dicaeetus Violaceus 6 Cucumber Tree.  
 4 D<sup>o</sup> Splendendus. 7 Papaw.  
 5 D<sup>o</sup> Sculpulus.













SHRIKES  
1 Greater Northern Shrike — *L. borealis*  
2 American Gray Shrike — *Excubitorides*  
3 Great American Shrike — *Excubitor*  
4 Loggerhead Shrike — *Carolinensis*  
5 Common European Shrike — *L. sibilatrix*  
6 Blue Shrike — *L. sibilatrix*  
7 Blue Shrike — *L. sibilatrix*  
8 Blue Shrike — *L. sibilatrix*













MUSCICAPA,  
FLYCATCHERS

- 1 Tyrant Flycatcher — *M. pyramis*  
 2 Great Crested D? — *Cunha*  
 3 Richardson's — D? — *Richardsoni*  
 4 Southern — D? — *Parvula Pennae*  
 5 Sage's — D? — *Sagei*  
 6 Little Tyrant D? — *Psittilla*  
 7 Carolina Flycatcher & *Franklinia* 8 Taiton Wood  
 9 Wild Cherry 10 Cane Bird













TIJERAPIDÆ  
FLY-CATCHERS.

- |                            |                   |                   |
|----------------------------|-------------------|-------------------|
| 1. Black-tailed Flycatcher | <i>Tijerapida</i> | <i>Saranga</i> .  |
| 2. Small Green-crested "   | do.               | <i>garrula</i> .  |
| 3. Wood pecker "           | do.               | <i>rupae</i> .    |
| 4. Arkansas "              | do.               | <i>virgata</i> .  |
| 5. Oriskany "              | do.               | <i>maculosa</i> . |
| 6. Swallow-tailed "        | do.               | <i>serripes</i> . |
| 7. Say's "                 | do.               | <i>sayi</i> .     |

8. Calender. *Tijerapida* *garrula*. 9. Edwards's. *Tijerapida* *garrula*. 10. Chestnut White. *Tijerapida* *garrula*. 11. Heart-leaved. *Tijerapida* *garrula*. 12. Blue-winged. *Tijerapida* *garrula*. 13. Large. *Tijerapida* *garrula*. 14. Downy. *Tijerapida* *garrula*.















SETOPLAGA.  
GNAT-CATCHERS.

- |  |                                       |
|--|---------------------------------------|
| 1. Hooded Gnatcatcher.   | <i>S. Nitens</i> .                    |
| 2. Green Black-capt D <sup>o</sup> .                               | <i>Pusilla</i> .                      |
| 3. Yellow-tailed D <sup>o</sup> .                                  | <i>Ruficilla</i> . <i>Nole</i> .      |
| 4. D <sup>o</sup> .  | <i>D<sup>o</sup></i> . <i>Young</i> . |
| 5. D <sup>o</sup> .  | <i>Selbi</i> . <i>M</i> .             |
| 6. Selby's D <sup>o</sup> .  | <i>Bonapartei</i> .                   |
| 7. Bonaparte's D <sup>o</sup> .                                    | <i>Carulea</i> . <i>M</i> .           |
| 8. Small Blue Gray D <sup>o</sup> .                                | <i>D<sup>o</sup></i> . <i>Fem</i> .   |
| 9. D <sup>o</sup> .  |                                       |
| 10. Peris Nkaype. 11. Water Locust. 12. Wild Pine. 13. Pitch Pine. |                                       |

W. Davis Sculp.













VIRGO.  
CHATS

- |                        |   |                               |
|------------------------|---|-------------------------------|
| 1 Yellow Throated Chat | — | Flaviviridis                  |
| 2 Solitary             | — | D <sup>o</sup> Solitaria Male |
| 3                      | — | Female                        |
| 4 Vigors               | — | D <sup>o</sup> Vigors         |
| 5 Pine Swamp           | — | D <sup>o</sup> Sphagnum       |
| 6 Yellow Breasted      | — | D <sup>o</sup> Polyllotis     |
| 7 Red Eyed             | — | D <sup>o</sup> Olivacea       |
| 8 White Eyed           | — | D <sup>o</sup> Leucocnemis    |
| 9 Warbling             | — | D <sup>o</sup> Melodia        |

10. West. Least Shrike. 11. West. Least 12. White Throated 13. West. Least 14. West. Least 15. West. Least 16. West. Least 17. West. Least 18. West. Least 19. West. Least 20. West. Least















Engraved by R. Scott.

*SYLVIA*  
WARBLERS.

- |   |  |
|---|--|
| 1 Golden Crowned W. <i>Auricapilla</i> .  | 6 Bay breasted W. <i>Castanea</i> .      |
| 2 Black Throated Green W. <i>Arvens</i> . | 7 Mourning W. <i>Phidelpheica</i> .      |
| 3 Yellow-rumped W. <i>Coronata</i> .      | 8 Chesnut sided W. <i>Pensylvanica</i> . |
| 4 Black & Yellow W. <i>Magnolia</i> .     | 9 Ccerulean W. <i>icoritta</i> .         |
| 5 Blackburnian W. <i>Blackburniae</i> .   | 10 Yellow Red Pole W. <i>petachiae</i> . |
- // *Papilio Vanessa*. 12 *Lyceus terminalis*.
- 13 Small Chesnut Oak. 14 OverCup Oak. 15 Yellow Oak. 16 Line Oak. 17 Bears Oak.





























SYNOPSIS  
WARBLERS

1. Dendroica	Warbler	5. Mniotilta
2. Blue Winged Yellow	D <sup>o</sup>	— Solitaria
3. Black Throated Blue	D <sup>o</sup>	— Canadensis
4. Golden Winged	D <sup>o</sup>	— Chesapeake Male
5. —	D <sup>o</sup>	— — Female
6. Blue Eyed Yellow*	D <sup>o</sup>	— Citreola
7. Kentucky	D <sup>o</sup>	— Pennsylv.
8. Canada	D <sup>o</sup>	— Parula
9. Protonotary	D <sup>o</sup>	— Protonotaria
10. Baltimore	D <sup>o</sup>	— Baltimore
11. Blackthroated	D <sup>o</sup>	— Blackthroated
12. Yellow Throat	D <sup>o</sup>	— Flammula
13. Connecticut	D <sup>o</sup>	— Agilis
14. Blue Yellow Back	D <sup>o</sup>	— Psittilla

15. American. 16. Red Cedar. 17. Carolina Dove. 18. American Large. 19. Carolina Dove. 20. White Eye. 21. American. 22. American.















SYLVIA.  
WARBLERS.

1. Nashville Warbler. *S. Rusticapilla*.
2. Worm-eating D<sup>o</sup>. — *Vermivora*.
3. Chipping D<sup>o</sup>. — *Chalchreut* Male.
4. D<sup>o</sup>. — D<sup>o</sup>. — Female.
5. Yellow-rump D<sup>o</sup>. — *Coronata* Winter.
6. Small-headed D<sup>o</sup>. — *Alauda*.
7. Black & Yellow D<sup>o</sup>. — *Magnolia* Young Male.
8. Spanish Coffee-tree





































TROGLODYTES.  
WRENS.

- 1 Winter Wren. *T. hyemalis*.  
2 Marsh Wren. *T. palustris*.  
3 House Wren. *T. oregonus*.  
4 Great Carolina Wren. *T. carolinensis*.  
5 Bewick's Wren. *T. bewickii*.  
6 Patterner Wren. *T. B. S. European Wren.*













*SIALIA. BLUE-BIRDS.*

1 Arctic Blue Bird. *S. arctica*

2 Common D<sup>o</sup>. *— Wilsoni*

*ANTHUS. TITLARKS.*

3 Brown Titlark. *A. ludovicianus* Male

4 D<sup>o</sup>. *—* Female

5 Pease D<sup>o</sup>. *— Peasei*

*ALAUDA. LARKS.*

6 Shore Lark. *A. alpestris*

7 American Lark













PARTS  
TITMICE

- 1 Black Cap Titmouse *T. atricapillus*  
2 Crested do *flaviceps*  
3 Large Leaved Magnolia. 4 Cebalpa.













EMBERIZA.  
BUNTINGS.

- |                             |                 |
|-----------------------------|-----------------|
| 1. Arctic Ground Bunting.   | E. Arctic Male. |
| 2. Do.                      | Do. Female.     |
| 3. Painted                  | Do. Female.     |
| 4. Lapland Long-spurred Do. | Laponica H.     |
| 5. Do.                      | Do. F.          |
| 6. Snow                     | Vivantes Summer |
| 7. Do.                      | Do. Winter      |
| 8. Henslow's                | Henslow's M.    |
| 9. Downy                    | Downy           |
| 10. White                   | White           |













TANAGERS.

1. Summer Red Bird. Male. *T. Eschsch.* Male.  
 2. " " Female. *"* Female.  
 3. Scarlet Tanager. Male. *B. rubra.* Male.  
 4. " " Female. *"* Female.  
 5. Louisiana Tanager. *Columbianus.*  
*Blackberry. T. Shaw's Willow.*  
*6. Tapelo. 7. Iron-Peak.*

























PYRRHULA.  
BULLFINCHES.

- |   |                        |
|---|------------------------|
| 1 Pine Bullfinch Male <i>P. Emuleator</i> . | 5 Table Mountain Pine. |
| 2 Do Young Do                               | 7 Pond Do              |
| 3 Do Female                                 | 8 Black Spruce Do      |
| 4 Crimson Headed Male <i>Frontalis</i> .    | 9 American Silan Fir.  |
| Do Female                                   | 10 Terres Sericeus.    |
|   | 11 Do Obsolete.        |















FRINGILLA.  
FINCHES.

- |                       |                      |                                |         |                            |
|-----------------------|----------------------|--------------------------------|---------|----------------------------|
| 1. Lazuli Finch.      | <i>F. Amena.</i>     | 5. Indigo Finch                | Male.   | <i>F. Cayana.</i>          |
| 2. American Goldfinch | Male.                | 6. D <sup>o</sup>              | Female. |                            |
| 3. D <sup>o</sup>     | Female.              | 7. Evening D <sup>o</sup>      |         | <i>T. septentrionalis.</i> |
| 4. Arkenaw Finch.     | <i>G. grammacus.</i> | 8. Rosebreasted D <sup>o</sup> | Male.   | <i>L. ludoviciana.</i>     |
|                       |                      | 9. D <sup>o</sup>              | Female. |                            |

10. European Birch.  
11. American Nettle Tree.  
12. Butler Nut.  
13. Black Willow.  
14. Red Flowering Maple.















FRINGILLA.  
FINCHES.

- |   |                       |
|---|-----------------------|
| 1. White Crowned Bunting.   | <i>F. leucophrys.</i> |
| 2. Bay Winged D <sup>o</sup> .  | <i>Graminae.</i>      |
| 3. Swamp Sparrow.   | <i>Palustris.</i>     |
| 4. Savannah D <sup>o</sup> Male.  | <i>Savanna.</i>       |
| 5. D <sup>o</sup> Female.   |                       |
| 6. Field D <sup>o</sup> .   | <i>Pusilla.</i>       |
| 7. Tree D <sup>o</sup> .  | <i>Arborea.</i>       |
| 8. Chipping D <sup>o</sup> .  | <i>Socialis.</i>      |
| 9. Yellow Winged D <sup>o</sup> .                                       | <i>Passerina.</i>     |
| 10. Fox-coloured D <sup>o</sup> .                                       | <i>Perruginea.</i>    |
| 11. Lark Finch.   | <i>Grammaea.</i>      |
| 12. Mossy Cap Oak. 13. Post D <sup>o</sup> . 14. White D <sup>o</sup> . |                       |
| 15. Black Birch. 16. Rose Flowering Locust.                             |                       |















FRINGILLID.  
FINCHES.

- |                        |            |
|------------------------|------------|
| 1. Painted Bunting.    | F. C. Male |
| 2. — " —               | DP. Female |
| 3. Sharp-Tailed Finch. | — C. Male  |
| 4. Towhee Bunting.     | — E. Male  |
| 5. — " —               | DP. Female |
| 6. Lesser Redpoll.     | — L. Male  |
| 7. Snow Bird.          | — H. Male  |

8. White Cuckoo 9. Box Elder 10. Bartram's Oak 11. Black Sugar-Maple 12. Silver-Willow















FRINGILLA.  
FINCHES.

- |                            |                             |
|----------------------------|-----------------------------|
| 1. White-throated Sparrow. | F. Albirostris. Male.       |
| 2. ————                    | — — — — — Female.           |
| 3. Song Sparrow.           | — — — — — Melodius. M. —    |
| 4. ————                    | — — — — — D. — — — — — F. — |
| 5. Grass-crowned Linnet.   | — — — — — Tephrocotis. —    |
| 6. Scaly-sided Finch.      | — — — — — Nordmann. V. —    |
| 7. Blue Finch.             | — — — — — Pinus. —          |

88. *Certhia Pallasi*. 11. *Parus*. 12. *Red Elm*. 13. *European Elm*. 14. *Norway Maple*.















FRINGILLA,  
FINCHES

- 1 Cardinal Finch — *F. Cardinalis*, Male  
 2 — " — *Id.* — Female  
 3 Purple Finch — *Parus* — Male  
 4 — " — *Id.* — Young Male  
 5 — " — *Id.* — Female  
 6 Blue Finch — *Cerulea* —  
 7 Black Throated Finch — *Americana* —  
 8 Yellow Spruce Fir 9 Yellow Spruce 10 Hemlock Spruce  
 11 Red Ash 12 Red Mulberry













1 PSITTACUS ... *Carolinensis* ... Carolina Parrot  
 2 COCCYZUS ... *Americanus* ... Yellow-billed Cuckoo  
 3 ... *Erythrophthalmus* Black-billed ... d<sup>r</sup>  
 4. *Ripula Philenor*. 5. *Lophura*. 6. *L. Dorsata*. 7. *Rail*. *Beech*.

























PICUS,  
 WOODPECKER'S  
 1. Pileated Woodpecker *P. pileatus* Male  
 2. " " " " Female  
 3. Arctic Three-toed *P. borealis*  
 4. Red-headed " " *P. erythrocephalus* Winter















PICUS.  
WOODPECKERS.

- |   |   |
|---|---|
| 1 Lewis's W. .... <i>Torquatus</i> .          | 4 Red Bellied W. .... <i>Carolinensis</i> . |
| 2 Red Headed W. .... <i>Erythrocephalus</i> . | 5 Downy W. .... <i>Pubescens</i> .          |
| 3 Hairy W. .... <i>Villosus</i> .             | 6 Yellow Bellied W. .... <i>Varius</i> .    |

1. Pierce's Scapula. 2. Scott's Octo-maculata. 3. Laphria Fabricius. 4. Symplicia Cylindrica. 5. Dryas. 6. Drom. Bickley.















WOODPECKERS.

- |  |                             |
|--|-----------------------------|
| 1 Red Cockaded Woodpecker. <i>P. Quercus</i> .           | 7 Rock Chestnut Oak.        |
| 2 Northern Three-toed D <sup>o</sup> . <i>Fraxinus</i> . | 8 Spanish Oak.              |
| 3 Yellow Bellied D <sup>o</sup> . Young. <i>Torus</i> .  | 9 Thick Shell Bark Hickory. |
| 4 Red Headed D <sup>o</sup> . D <sup>o</sup> .           | 10 Flower Tree.             |
| 5 Gold Winged D <sup>o</sup> . <i>Erythrophloeus</i> .   |                             |
|  | <i>Auratus</i>              |















SITTA,  
NUTHATCH.  
1 White Breasted Black Capped. — *S. carolinensis*.  
2 Red Bellied Black Capped. — *lucida*.  
3 Brown Headed. — *pygmaea*.  
1 Over Cup White Oak 5 Scarlet Oak.













CERTHIA.  
CREEPERS.

- 1 Brown Creeper. *C. fuscescens*.  
2 Black & White Creeper. *C. leucophaea*.  
3 Large Flowered Magnolia.













*TROCHILUS,*  
HUMMING BIRD'S  
1 Northern Humming Bird. *T. Calabris Male*  
2 — D<sup>o</sup> — — Female  
3 — D<sup>o</sup> — — Young  
4 Ruf. Necked. D<sup>o</sup> — Rufus Male  
5 — D<sup>o</sup> — — Young D<sup>o</sup>  
6 — D<sup>o</sup> — — Female  
7 — D<sup>o</sup> — — Young 1<sup>st</sup>  
8 Mountain Laurel —













ALCEDO.  
KINGFISHERS.  
1 Belted Kingfisher. 2. Oregon Blue.  
2. ———— 3. ————  
3. Black Kingfisher. 4. Mountain Kingfisher.















CYPSELUS, SWALLOW.

1. Chimney Swallow. *C. pelagicus*.

HIRUNDO, MARTINS.

2. Purple Martin. Male. *H. purpurea*. 6. White-bellied Swallow. *Bicolor*.

3. Do. Female. 7. Bank Swallow. *Riparia*.

4. Barn Swallow. Male. *Hirundo*. 8. Cliff Swallow. *Fulva*.

5. Do. Female. 9. Mantle Swallow. *Egeria*. 10. Male. 11. Do. Female.

12. Olive Tree. 13. *Saxatilis*.













LXIV.

**CAPRIMULGUS.**  
**NIGHT-HAWKS.**

1. Night Hawk. *C. niger*, Male.
2. " " " " Female.
3. Whip Poor Will. - *Vesperugo*, Male.
4. " " " " Female.
5. Check Wills Wren. - *Carolinensis*.
6. *Pogonia lutescens*, Male. 7. *Id.* Female.
8. *Ichneumon* Centaur. 9. White Maple.
10. Water Oak.















COLUMBA,  
PIGEONS.

1. Passenger P. *migratoria*
2. Band-tailed P. *fasciata*
3. Zenaida Dove. *zenaida*
4. *Cerylephaps immanis*, 5. *Chalcophaps indica*
6. *Smerithus comitatus*, 7. *Columba Wood*.













COLUMBA  
PIGEONS

- |                          |                   |
|--------------------------|-------------------|
| 1. Carolina Turtle dove  | C. Carolinensis   |
| 2. White Crowned Pigeons | C. Leucocephalus  |
| 3. Ground Dove           | C. Passerina male |
| 4. Ground Dove           | female            |

5. *Leptis ornata* 6. *Syrphus obscurus* 7. Water-Bitter nut Hickory 8. Shell-bark Hickory.













Engraved by J. G. Thompson. Coloured by J. G. Thompson.

WILD TURKEY. *Meleagris Gallopavo*. 1. Male. 2. Female. 3. Young  
4. Young.

3

J. G. Thompson Sc.















*MELEAGRIS OCELLATA.*  
HONDURAS TURKEY.

Engd by W. Davis.













PERDIX.  
PARTRIDGE.

1. Virginian Partridge Male. *P. virginiana*.  
2. " " female.

Engraved by W. Ellsworth.













ORZUY.  
QUAILS.  
1. Long-Tailed Quail — *O. macroura*  
2. Montezuma's Quail — *M. montezumae*.

S. Wilson Sculp.













*Introduced California.*

**ORTYX  
QUAILS.**

- |                      |                 |         |
|----------------------|-----------------|---------|
| 1. Douglas's Quail.  | O. Douglasi.    | —       |
| 2. California Quail. | O. Californica. | Male.   |
| 3. " "               | " "             | Female. |

*Drawn by Captain Brown.*

*Engraved by Wm. Davis.*















*O. R. T. Y. X.*  
*QUAILS.*

1. Horned Lark. — *O. capistrata.*  
 2. California Quail. — *O. californica.*

*Inhabit. California.*

*Drawn by Captain Brown.*

*S. M. M. Sculpt.*













OREXYZ PICTA.  
PAINTED QUAIL.  
♂ Male ♀ Female.

Drawn by Capt. Brown.

Inhabits California.

W. Warwick Sc.













TETRAO.  
GROUSE.

1. Ruffed G. *Umbellus*. Male.  
2. Sharp-Tailed G. *Phasianellus* female.  
3. *Papilio argyropus*. 4. *Xylota thymaboles*.  
5. Stone Pine.















Inhabits State of New York.

PINNATED GROUSE. *Tetrus cupido*. 1. Male. 2. Female  
3. Black Gum

Art. Edwards















Male drawn by Cap. Brown.  
Female. — by Alder.

TETRAO CANADENSIS.  
DUSKY GROUSE.  
♂ Male. ♀ Female. Inhabits North America  
J. Audubon del.

Engraved by S. Scott.















TETRAD, GROUSE.

1. Spotted Grouse Male. 2. *T. Canadensis*. 3. D<sup>o</sup> female.  
 4. *Mantopha Brannica* Female. 5. D<sup>o</sup> Interruptio. 6. American Chestnut. 7. White Beech.















Rocky Mountain Spotted Grouse. *T. franklinii*. Male.  
2. 100 100 Female.

By E. H. M.















TETRAO RICHARDSONII  
RICHARDSON'S GROUSE.

1 Male. 2 Female. An Inhabitant of the Rocky Mountains.  
3 Camphor Tree. 4 Papilio Calanthus.















TETRAO UROPHASIANUS. COCK OF THE PLAINS.

1. Male. 2. Female.





























LAGOPUS.  
GROUSE.  
1. White-Tailed Grouse, *L. leucurus*.  
2. Rock Grouse, *L. rupicola*.

Engraved by W. L. G.















Designed by Capt. Brown.

LAGOPUS MUTUS.  
PTARMIGAN.  
1. Male. Winter Plumage.  
2. Female. Summer Pl.

Inhabits Winter Island.

Engd by S. Milne.













L. K. N. L. Y.

*HIMANTOPUS NIGRICOLLIS.*  
BLACK-NECKED HIMANTOPUS.

James Macgillivray Sc.











LXXXV.



HIMANTOPUS OSTRALÉGUS.  
PIED OYSTER-CATCHER.

S. J. M. Sculpt.













CHARADRIUS  
PLOVERS.

- |                     |   |                  |
|---------------------|---|------------------|
| 1. Wilson's Plover. | — | C. Wilsonius.    |
| 2. Ring-billed.     | — | C. semipalmatus. |
| 3. Black-bellied.   | — | C. dominicus.    |
| 4. Musical.         | — | C. melanotos.    |
| 5. Virginian.       | — | C. virginianus.  |

CHARADRIUS dominicus.  
Black-bellied Plover.













*STREPSILAS INTERPRES.*  
TURNSTONE.













GRUS.  
CRANES.  
1. Whooping Crane. *G. americana*. —  
2. Brown. — *G. canadensis*. —













ARDEA.  
HERONS.  
1. Great Heron. *A. herodias*.  
2. Louisiana D<sup>o</sup>. *A. ludoviciana*.  
3. Green D<sup>o</sup>. *A. viridis*.















*NOTAURUS.*  
*BITTERNS.*  
1. American Bittern. *B. Minor.*  
2. Least. *D.* *F. Falls.*

James Mayson Sculp<sup>d</sup>













NYCTHORA.  
 NIGHT-HERONS.  
 1. Common Night-Heron. N. Gardini.  
 2. D. ———— D. ———— D. ————  
 3. White-crowned D. ———— Palacca.

Samuel. M.D. Sculp.















EGRETTA.  
EGRETTA.  
1. Great Egret. E. Leuc. —  
2. Snowy Egret. — Candidissima.  
3. Blue Egret. — Caelerulea.  
4. Dwarf Egret. — C. alba.















*PHENICOPTERUS RUBER.*  
RED FLAMINGO.

*RECUEVROSTRA AMERICANA.*  
AMERICAN AVOCET.

Samuel Milne Sculp.













PLATALEA AJAJA.  
ROSEATE SPOONBILL.

S. J. M. Sculp













TANTALUS LOCULATOR.  
WOOD IBIS.  
Cabbage Tree.

W. Warwick Sculp.



























NUMERUS.  
CURLEWS.

Longbilled Curlew, *N. Longirostris*.  
Hudsonian D<sup>o</sup>. — *Hudsonius*.  
Squinnax D<sup>o</sup>. — *Squinnax*.

S. Milne Sculp.













TERNES  
 SANDPIPERS  
 2. Ash-colored Sandpiper. *T. cinerea*.  
 3. Redbreasted " *D. - rufa*.  
 4. Purple " *D. - maritima*.  
 5. Dendras " *D. - douglasii*.  
 6. Diminutive " *D. - pusilla*.  
 7. Scampalated " *D. - scampalata*.  
 8. Redbacked " *D. - alpina*.  
 9. Pigmy " *D. - minutus*.













*CALDRIS ARENARIA.*  
SANDERLING.  
1. Summer Plumage.  
2. Winter D<sup>o</sup>.....

S. Miller Sc.

























LIMOSA  
GODWITS  
1. Great Marbled Godwit..... L. Pelot Male.  
2..... Do..... Female.  
3. Hudsonian..... Do..... Hudsonian.  
4. White..... Do..... Alca.

E. Mitchell Scott













SCOLOPAX.  
 1. Red-breasted Scaup. *Scolopax erythrorhynchos*.  
 2. Wilson's Scaup. *Scolopax bairdii*.  
 3. American Woodcock. *Scolopax minor*.













CIII.



*RALLUS.*  
*RALLUS.*  
 1. Clapper Rail. *R. Capillans.*  
 2. Virginian D. *R. Virginianus.*  
 3. Yellow-breasted D. *R. Vomerocinctus.*  
 4. Carolina D. *R. Carolinensis.*

S. Mearns Sculp.













Engraved by H. B. Smith

*FULICA Americana*  
Cinereous Coot .....

*GALLINULA Martinica*  
Martinico Gallinule. ....













PHALAROPUS.  
PHALAROPUS.  
1. Faint-billed Phalarope, *P. phalaropus*.  
2. Wilson's " " " " *P. wilsoni*.  
3. D. " " " " *P. d. d.*  
4. Hyperborean D. " " *P. hyperboreus*.  
5. D. " " " " *P. d. d.*













*PODICEPS.*  
*GREBES.*

1. Crested Grebe. *P. cristatus.* —  
2. Horned Grebe. *P. cornutus.* —  
3. Red-necked Grebe. *P. rubricollis.* —

Engraved by James Turrey.













*RYNCHOPS NIGRA.*  
BLACK SKIMMER.

*J. Mayson Sc.*













TERNI  
SPECIES

1. Lesser Tern. S. Minor	6. Marsh Tern S. Nodosa
2. Sooty do. S. Fuscata	7. Great do. S. Magnifica
3. Black do. S. Sumneri	8. Arctic do. S. Hyperborea
4. do. S. Albigula	9. do. S. Albigula
5. do. S. Longirostris	















LARUS.  
GULLS.

- |                                  |                       |
|----------------------------------|-----------------------|
| 1. Fork-tailed Gull              | <i>L. Sabini</i>      |
| 2. Cinnate-tailed D <sup>o</sup> | <i>— Rossii</i>       |
| 3. Bonaparteian D <sup>o</sup>   | <i>— Bonapartei</i>   |
| 4. Beakless Booby D <sup>o</sup> | <i>— Franklini</i>    |
| 5. Laughing — D <sup>o</sup>     | <i>— Atricilla</i>    |
| 6. Little — D <sup>o</sup>       | <i>— Minutus</i>      |
| 7. — D <sup>o</sup>              | <i>Young</i>          |
| 8. Mew — D <sup>o</sup>          | <i>— Larus</i>        |
| 9. Burgomaster                   | <i>— Glaucopterus</i> |

Engraved by R. Scott Bellin



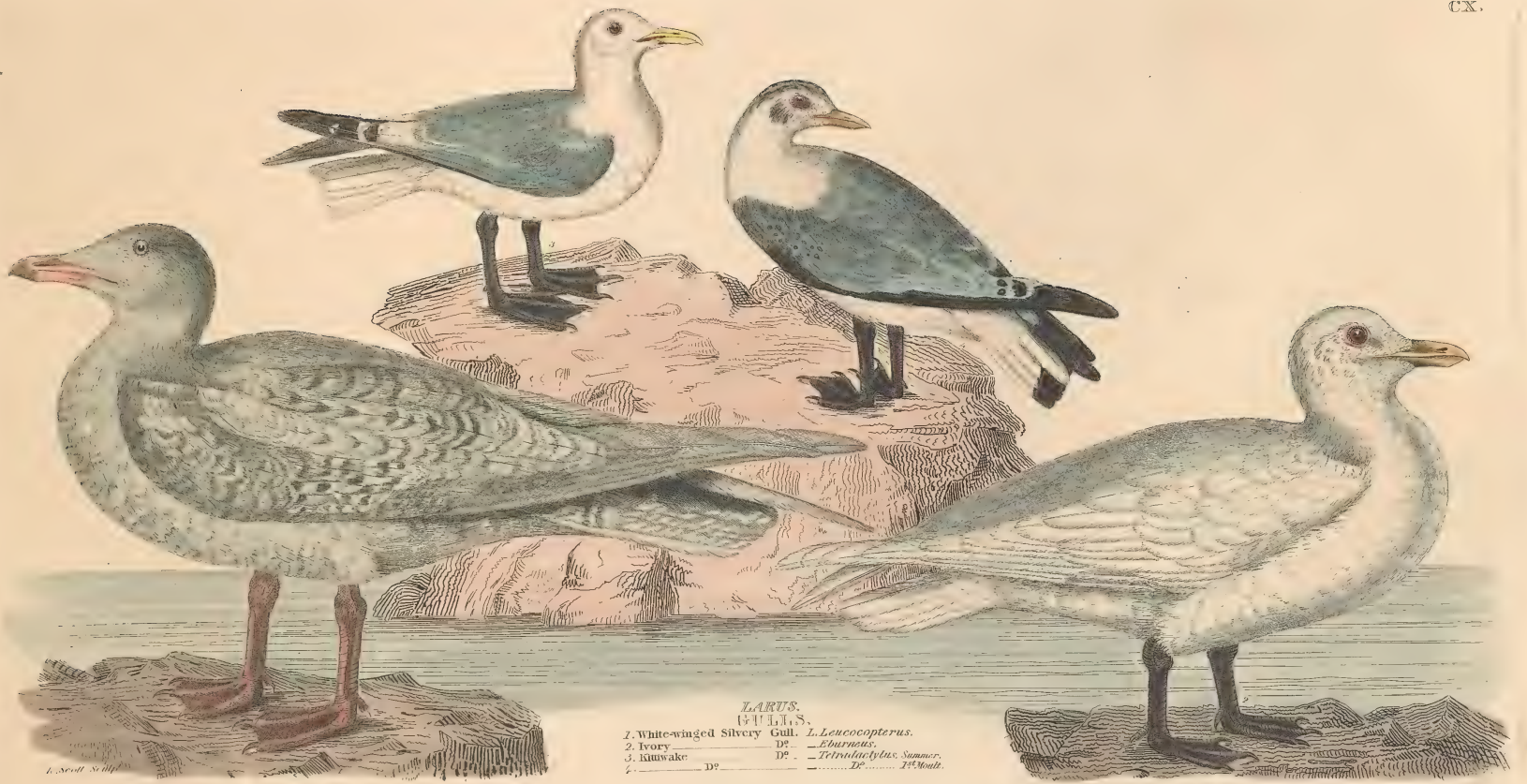












LARUS.  
GULLS.  
1. White-winged Silvery Gull. *L. Leucopterus.*  
2. Ivory *L. L. L.*  
3. Kittiwake *L. L.*  
4. *L. L.*













THALASIDROMA.  
PETRELS.  
1. Wilson's Petrel. *T. Wilsoni*.  
2. Fork-tailed Dr. *- fulvicauda*.

LESTRIS.  
SKUAS.  
1. Arctic Skua. *- L. Parasiticus*.  
2. Pomarine Dr. *- Pomarinus*.  
3. Richardson's Dr. *- Richardsoni*.  
4. Common Dr. *- Catarractus*.

W. M. Gregor Sc.













1. Mallard — *A. boschas.*  
 2. Pintail — *C. f.*  
 3. Shoveller — *C. palustris.*  
 4. Pintail — *C. f.*  
 5. Dusky — *C. f.*  
 6. Blue-winged — *C. f.*  
 7. Green-winged — *C. f.*















*SOMATERIA.*  
*EDMERS.*  
 3. King Eider. — *S. spectabilis*. M.  
 4. D? — *Do*. — *Do*. — *Do*.  
 5. Common D? — *Mollissima*. M.  
 6. D? — *Do*. — *Do*. — *Do*.

*CHAULIODUS STREPERA.*  
 7. Common Cailwall. M.

*DENDRONESA SPONSA.*  
 2. Summer Wood-duck.

*MARECA AMERICANA.*  
 1. American Wigeon.

W. Davis Sc.







































7. Rocky-mountain Garrot. *G. barrowi.* —  
 2. Harlequin D<sup>o</sup> .... *Histrionica.*  
 3. Buffalo-headed. D<sup>o</sup> .... *Alceola. Mole.*  
 4. D<sup>o</sup> ..... *D<sup>o</sup> .... Fem.*  
 5. Golden eye D<sup>o</sup> ..... *Vulgaris. Y.*  
 6. D<sup>o</sup> ..... *D<sup>o</sup> ..... I.*

7. Long-tailed Hurch. *H. Gleditsii. M.* —  
 8. D<sup>o</sup> ..... *D<sup>o</sup> ..... Fem.*

W. M<sup>r</sup> Gregor Sc.













Merganser.  
 Merganser.  
 1. Hooded Merganser. *M. cucullatus* .....  
 2. Red-breasted D. *Serrator* .....  
 3. Goosander. Male. *Merganser* .....  
 4. D<sup>o</sup>. Female. *D<sup>o</sup>* .....  
 5. Snaw. *Anas* .....

S. Milne Sculp.























ANSEER.  
G E E S E.  
1. Blue-winged Goose. A. Edwards.  
2. Laughing Goose. D. ... .. Whymers.























PELECANUS.  
FELICANS.  
1. Brown Pelican. *P. piscator*.  
2. White " *P. onocrotalus*.

J. Meunier del.

































U.R.L.L.  
GUILLEMOTS.

1. Black Guillemot.	U. cirrile.	Summer.
2.	D <sup>o</sup>	— D <sup>o</sup> Winter.
3. Foolish	D <sup>o</sup>	— Taste S.
4.	D <sup>o</sup>	— D <sup>o</sup> W.
5. Little	D <sup>o</sup>	— H <sup>o</sup> S.
6.	D <sup>o</sup>	— D <sup>o</sup> W.

*W. Davie Sculp.*



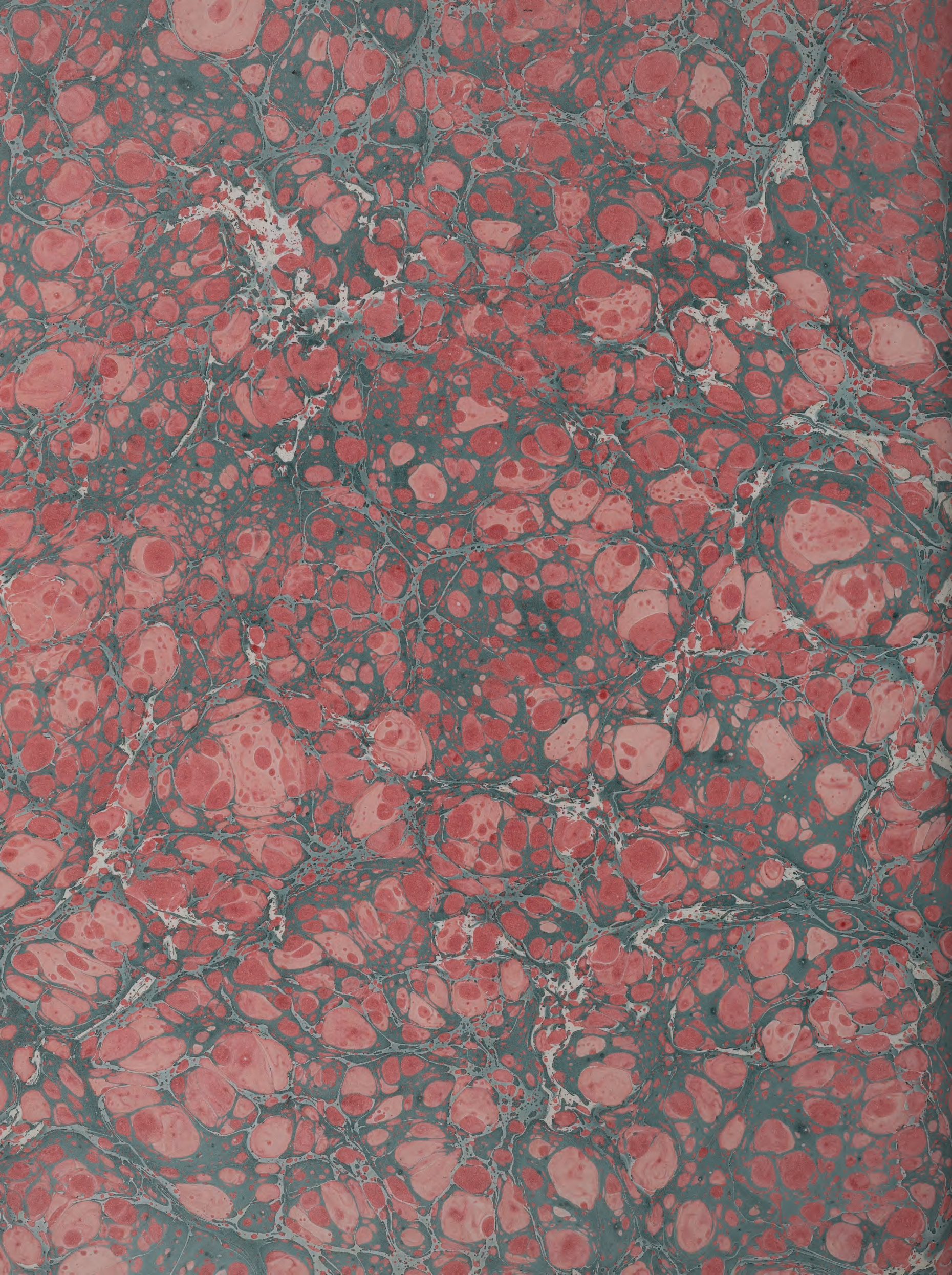




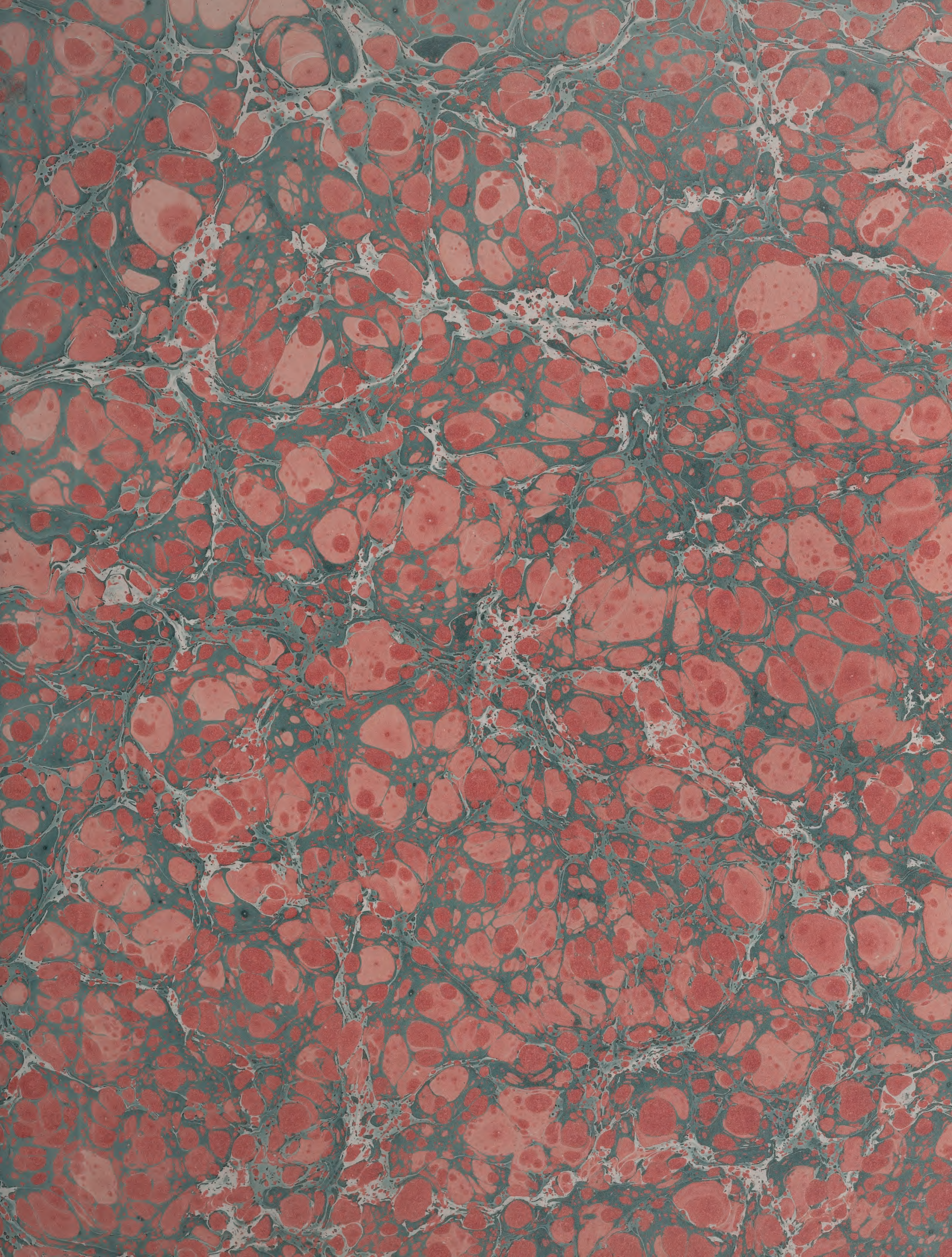














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